



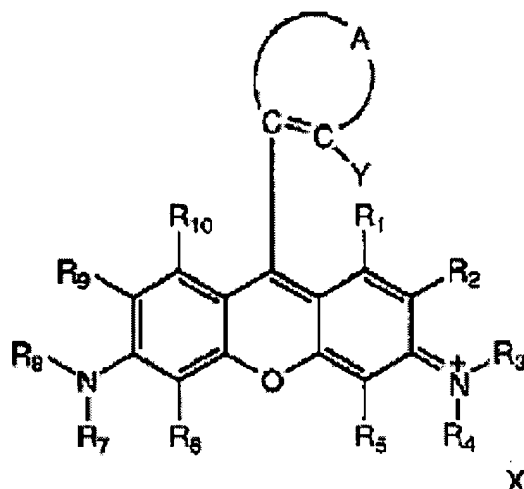
OPTICAL RECORDING MEDIUM

Patent number: JP2000118145
Publication date: 2000-04-25
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Classification:
 - international: B41M5/26; C09B11/28; G03C1/73; G11B7/24
 - european:
Application number: JP19980315390 19981019
Priority number(s): JP19980315390 19981019

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Abstract of JP2000118145

PROBLEM TO BE SOLVED: To obtain an optical recording medium, having record reproducing characteristics such as a sufficient solubility in a coating solvent, not invading a polycarbonate substrate, and a good jitter, shown under a specified wavelength, and the like, by a method wherein a specified coloring matter is contained in a recording layer, in an optical recording medium. **SOLUTION:** A heat mode system optical recording medium, containing a xanthene coloring matter shown by a formula and having the wavelength of recording and reproducing light of lower than 680 nm, is constituted in a recording layer. In the formula, A shows as atomic group forming a complicated ring together with bonded two carbon atoms, and Y shows a carbonic acid group or the like. R₁, R₂, R₅, R₆, R₉ and R₁₀ show hydrogen atom, halogen atom and the like independently and respectively. R₃, R₄, R₇, and R₈ show hydrogen atom, halogen atom, alkyl group and the like independently and respectively. R₁ and R₂, R₂ and R₃, R₃ and R₄, R₄ and R₅, R₆ and R₇, R₇ and R₈, R₈ and R₉ as well as R₉ and R₁₀ can form a ring respectively by bonding with each other. X shows resistance to anion.



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